

What is claimed is:

[Claim 1] The skid control training system comprises swivel assemblies swiveling freely 360 degrees, and means to affix said swivel assemblies to the body or frame or rear axle of an existing vehicle, and or control means through which a control can be exercised over the behavior of the wheels of an existing vehicle.

[Claim 2] The skid control training system according to claim 1 comprises the control means through which control over front wheel brakes is affected, for example electric or electronic or fiber optic or wireless or hydraulic or pneumatic or mechanical or mixed circuit through which signals are send from human or computerized controller to the front wheel brakes and the feedback is send back to the controller.

[Claim 3] The skid control training system according to claim 1 comprises the control means through which control over rear wheels setting is affected, for example a setup device restricting all except vertical travel of the rear wheels of the existing vehicle and preventing said rear wheels from coming in contact with the road surface.

[Claim 4] The skid control training system according to claim 1 comprises two separate castering assemblies, one on each side of an existing vehicle, each of said castering assemblies comprises rigid casing affixed to the corresponding rear wheel brake drum or disc (depending on particular design) of the said vehicle and two or more swivel assemblies affixed to each rigid casing in the manner that at least one of said swivel assemblies is affixed to said casing forward of the axis of said rear brake drum or disc of said vehicle and at least one of said swivel assemblies is affixed to said casing rearward of the axis of said rear brake drum or disc of said vehicle, when said vehicle

is placed on the horizontal surface in driving position with castering assemblies affixed to said vehicle.

[Claim 5] The skid control training system according to claim 4 wherein said castering assembly includes rigid stops restricting clockwise and counter clockwise rotational movement of said castering assembly affixed to said brake drum or disc (depending on particular design), to the scope of non-interference of said castering assembly with any part of said vehicle.

[Claim 6] The skid control training system according to claim 3 comprises a rigid frame with two setup devices affixed to said rigid frame, and means of affixing the said rigid frame to the body or frame of said existing vehicle, for example an automotive ball hitch receiver affixed to said rigid frame.

[Claim 7] The skid control training system according to claim 6 wherein it further consists of two or more swivel assemblies affixed to said rigid frame in the manner that there is at least one swivel assembly on each side of said vehicle and all of said swivel assemblies are affixed to said rigid frame in the following zone: laterally outward from the rear wheels of said vehicle and longitudinally forward of the rear limit of said vehicle.

[Claim 8] The skid control training system according to claim 7 wherein it further consists of one or more swivel assembly affixed to said rigid frame rearward of the rear limit of said vehicle.

[Claim 9] The skid control training system wherein at least one of said swivel assemblies includes means of controlling vibrations of the swivel, for example vibration control device in form of brake pads, friction band or other means.